

✓

L4 ANSWER 11 OF 27 CA COPYRIGHT 2005 ACS on STN
AN 103:185651 CA
ED Entered STN: 30 Nov 1985
TI Solidification of radioactive washing wastewaters
IN Yasumura, Keijiro
PA Nippon Atomic Industry Group Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 3 pp.
CODEN: JKXXAF

DT Patent
LA Japanese
IC ICM G21F009-16
ICS C02F001-00
CC 71-11 (Nuclear Technology)
Section cross-reference(s): 58, 60

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 60133399	A2	19850716	JP 1983-241742	19831221
PRAI	JP 1983-241742		19831221		

CLASS

	PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 60133399	ICM	G21F009-16	
	ICS	C02F001-00	

AB Radioactive washing wastewaters are solidified by concentrating the wastewaters, mixing with active C, and cementing. The method is applicable to washing wastewaters of clothes from atomic power stations. Thus, a radioactive **wastewater** using Tosna **Soap** H (detergent, from Nippon Oil and Fats Co., Ltd.) containing ethylene oxide surfactant 10, EDTA Na salt 8.7, poly(vinylpyrrolidone) 1.0, and water 80.3% was concentrated to obtain a concentrate (8% concentration), 50 L of which was kneaded with 17 kg Nittan

140BW

(active C, from Hitachi Activated Carbon Mfg. Co., Ltd.), mixed with 100 kg **cement**, kneaded for 10 min, and cured for 28 days to obtain a solid with sp. gr. 1.78 and compressive strength 307 kg/cm².

ST solidification radioactive washing wastewater clothes; active carbon radioactive wastewater solidification; **cement** carbon radioactive wastewater solidification

IT **Cement**

(radioactive laundering wastewater solidification in)

IT Detergents